

## Labiosa, Rochelle

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**From:** Krembs, Christopher (ECY) <ckre461@ECY.WA.GOV>  
**Sent:** Wednesday, February 04, 2015 10:56 AM  
**To:** Labiosa, Rochelle  
**Subject:** RE: Confirming your presentation title RE: Presentation at nutrients meeting on March 4th?

Thank you. I have a much better idea now. I think that should be strait forward.

Cheers Christopher

Dr. Christopher Krembs  
Senior Oceanographer, Marine Monitoring Unit Environmental Assessment Program Washington State Department of Ecology  
300 Desmond Dr. SE, Lacey  
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Please find the latest observations on surface conditions in Puget Sound at:  
[http://ecy.wa.gov/programs/eap/mar\\_wat/eops/](http://ecy.wa.gov/programs/eap/mar_wat/eops/)

-----Original Message-----

From: Labiosa, Rochelle [mailto:labiosa.rochelle@epa.gov]  
Sent: Wednesday, February 04, 2015 10:49 AM  
To: Krembs, Christopher (ECY)  
Subject: RE: Confirming your presentation title RE: Presentation at nutrients meeting on March 4th?

Thanks for checking in - the folks attending will be mostly water quality personnel from tribal/state/federal agencies as well as researchers from uni's, federal agencies, etc., so technically savvy. I think the marine background will vary (mixed group - some focus exclusively on freshwater).

We are trying to make it more of a discussion, but in the interest of time I think it would be great to get your thoughts on what is behind the trends, and also the benefits of having LT datasets for understanding the dynamics and different temporal and spatial scales.

Rochelle Labiosa, Ph.D.  
Office of Water and Watersheds  
US EPA, Region 10  
1200 Sixth Avenue, Suite 900, MC: OWW-191 Seattle, WA 98101-3140  
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-----Original Message-----

From: Krembs, Christopher (ECY) [mailto:ckre461@ECY.WA.GOV]  
Sent: Wednesday, February 04, 2015 10:38 AM  
To: Labiosa, Rochelle

Subject: RE: Confirming your presentation title RE: Presentation at nutrients meeting on March 4th?

Same here.

Quick question what format should the talk be in?  
Should open questions, causality, likely causes etc. be addressed?  
Is it more a discussion forum?  
What level of marine expertise can I expect?

Thank you,

Christopher

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-----Original Message-----

From: Labiosa, Rochelle [mailto:labiosa.rochelle@epa.gov]  
Sent: Wednesday, February 04, 2015 9:06 AM  
To: Krembs, Christopher (ECY)  
Subject: RE: Confirming your presentation title RE: Presentation at nutrients meeting on March 4th?

Fantastic! Thanks so much. Looking forward to meeting you soon.

Rochelle Labiosa, Ph.D.  
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-----Original Message-----

From: Krembs, Christopher (ECY) [mailto:ckre461@ECY.WA.GOV]  
Sent: Wednesday, February 04, 2015 7:34 AM  
To: Labiosa, Rochelle  
Subject: RE: Confirming your presentation title RE: Presentation at nutrients meeting on March 4th?

Dear Rochelle,

This works for me and I will come to Seattle. I will ask Markus von Prause to add an aspect of nutrients in streams, if he agrees.

Christopher

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From: Labiosa, Rochelle [labiosa.rochelle@epa.gov]  
Sent: Tuesday, February 03, 2015 4:28 PM  
To: Krembs, Christopher (ECY)  
Subject: Confirming your presentation title RE: Presentation at nutrients meeting on March 4th?

Hi Christopher,

Thanks again for presenting at the R10 Nutrients Roundtable on March 4th. I believe that you are coming into the Seattle Office, but please let me know if you will be on the webinar instead.

This is what I have for your timeslot info: 10:50-11:10 Retrospective Analysis of 20-year Sampling Program- Christopher Krembs, WA ECY

It looks like you will cover mostly PS data, but if you have timeseries for nutrient in lower parts of streams, that would be great to see too if there is time.

If you have any changes to the above, please let me know by COB tomorrow. I will be sending out the near-final agenda by the end of this week together with webinar and call-in info. I am asking all presenters to send the slides a week prior.

Thanks again and please let me know if you have any questions.

Looking forward to it! Rochelle  
Rochelle Labiosa, Ph.D.  
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From: Krembs, Christopher (ECY) [mailto:ckre461@ECY.WA.GOV]  
Sent: Monday, January 12, 2015 1:37 PM  
To: Labiosa, Rochelle  
Subject: RE: Presentation at nutrients meeting on March 4th?

Rochelle,  
Yes we are doing well, thank you. And we getting ready for the next year.

I am happy to present. We see important changes occurring in:

- \* ambient nutrient levels,
- \* shifts in nutrient ratios,
- \* changes in the seasonality of phytoplankton blooms
- \* declines in phytoplankton biomass

\* increase in water clarity.

We also now have QC'd our historical pH data record (in going detail) and I can speak to that (lesson learned, data we have to define baseline conditions and our collaboration with UW/NOAA and Andrea Fassbender).

How long do you anticipate the presentation?

I hope this finds you well,  
Cheers Christopher

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From: Labiosa, Rochelle [mailto:labiosa.rochelle@epa.gov]  
Sent: Monday, January 12, 2015 1:15 PM  
To: Krembs, Christopher (ECY)  
Subject: Presentation at nutrients meeting on March 4th?

Hi Christopher,

I hope that you are doing well. It would be great to touch base soon about the ocean acidification research (retrospective) and see how things are going with your postdoc.

I am contacting you today with a request - we are hosting our annual nutrients meeting at Region 10 on March 4th, and we are covering new data, research and tools in the AM and state policy tools/progress in the PM. I am hoping that you would be willing to present on some of the long term monitoring data that ECY has collected and lessons learned (frequency and types of data gathered)? Trends analysis would also be good, and we are also interested in work going on related to testing/using nitrogen probes.

Please let me know if you are available to speak on any or all of the above topics. I am hoping that local people can come into the Seattle office to present, but webinar is also an option; it will be mainly webinar-based since many people are more than a few hours' drive away. Thanks for considering giving a presentation.

All the best,  
Rochelle

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